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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | | |
|--|-------------|----------------------|-------------------------|-------------------------|--|-----------------------------|
| 10/523,491 | 02/03/2005 | Andrew E. Feiring | SR0019USPCT 3860 | | | |
| 7590 11/28/2006 E I du Pont de Nemours & Company | | | EXAMINER CHU, JOHN S Y | | | |
| | | | | | | Legal Patents Wilmington, D |
| | | | 1752 | | | |
| | | | DATE MAILED: 11/28/2006 | DATE MAILED: 11/28/2006 | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| | · · · · · · · · · · · · · · · · · · · | Applicati | on No. | Applicant(s) | | | | |
|--|--|--|---|--|-------------|--|--|--|
| Office Action Summary | | 10/523,4 | 91 | FEIRING | | | | |
| | | Examine | | Art Unit | | | | |
| | | John S. C | hu | 1752 | | | | |
| | The MAILING DATE of this communication a | | | | ldress | | | |
| Period fo | or Reply | | | | | | | |
| WHIC - Exter after - If NC - Failu Any | ORTENED STATUTORY PERIOD FOR REF CHEVER IS LONGER, FROM THE MAILING isions of time may be available under the provisions of 37 CFR SIX (6) MONTHS from the mailing date of this communication. It period for reply is specified above, the maximum statutory perion re to reply within the set or extended period for reply will, by state reply received by the Office later than three months after the may ad patent term adjustment. See 37 CFR 1.704(b). | DATE OF TH 1.136(a). In no ev od will apply and w tute, cause the app | HIS COMMUNICATION ent, however, may a reply be tir ill expire SIX (6) MONTHS from lication to become ABANDONE | N. mely filed the mailing date of this common (35 U.S.C. § 133). | | | | |
| Status | | | | | | | | |
| 1)🛛 | Responsive to communication(s) filed on 08 | Sentember : | 2006 | | | | | |
| · | | his action is n | | | | | | |
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| <i>,</i> — | closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. | | | | | | | |
| Dispositi | on of Claims | , | • | | • | | | |
| 4)🖂 | Claim(s) <u>1-45</u> is/are pending in the application. | | | | | | | |
| | 4a) Of the above claim(s) is/are withdrawn from consideration. | | | | | | | |
| 5)🖂 | Claim(s) <u>1-44</u> is/are allowed. | | | | | | | |
| 6)⊠ | Claim(s) <u>45</u> is/are rejected. | | | | | | | |
| 7) | Claim(s) is/are objected to. | | | | | | | |
| 8)□ | Claim(s) are subject to restriction and | d/or election r | equirement. | | | | | |
| Applicati | on Papers | | | | | | | |
| 9)[| The specification is objected to by the Exami | ner. | | | | | | |
| 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. | | | | | | | | |
| | Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). | | | | | | | |
| | Replacement drawing sheet(s) including the corre | | | | | | | |
| 11) | The oath or declaration is objected to by the | Examiner. No | ote the attached Office | Action or form P7 | ΓO-152. | | | |
| Priority u | nder 35 U.S.C. § 119 | | | | | | | |
| _ | Acknowledgment is made of a claim for foreignal All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume | ents have bee | n received. n received in Applicati | ion No | Stage | | | |
| * S | application from the International Bure | au (PCT Rul | e 17.2(a)). | | Clage | | | |
| Attachment | (s) | | | | | | | |
| 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date | | | 4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other: | ate | | | | |
| | - | | | <u> </u> | | | | |

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DETAILED ACTION

This Office action is in response to the amendment filed September 8, 2006.

1. The rejection under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential elements, such omission amounting to a gap between the elements. See MPEP § 2172.01 is **withdrawn** in view of the amendment to the claims which now recited a 'copolymer'.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claim 45 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The term 'quadracyclane; is not known in the chemistry and therefore the claim is unclear as to the desired scope of the protection sought.

Correction is necessary.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

GOODALL et al (6,723,486) disclose the presence of a reaction product of a quadricyclane and a benzoate, however it lacks the claimed reaction product wherein a fluoroalkyl benzoate is reacted with a quadracyclane.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Chu whose telephone number is (571) 272-1329. The examiner can normally be reached on Monday - Friday from 9:30 am to 6:00 pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Cynthia Kelly, can be reached on (571) 272-1526

The fax phone number for the USPTO is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PMR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

John S. Chu

Primary Examiner, Group 1700

J.Chu November 27, 2006